

IN THE CLAIMS:

Claims 1-12 and 18-25 were previously cancelled. Original pending claims 15-17 are shown below. Please amend claims 13 and 14 as follows:

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13. (Currently Amended) A method for identifying a selective estrogen receptor modulator (SERM), comprising the steps of:

(a) contacting at least two different cells that express an estrogen-regulated marker (ERM) expression with a candidate SERM;

(b) determining levels of expression of at least one estrogen-regulated marker (ERM) in the cells; and

(c) comparing the levels of expression with levels of expression of the estrogen-regulated marker(s) in cells following contact with estrogen, and therefrom determining whether the candidate SERM is a selective estrogen receptor modulator.

14. (Currently Amended) A method according to claim 13, wherein the estrogen-regulated marker is selected from the group consisting of SEQ ID NOs:1-74 19.

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15. (Original) A method according to claim 13, wherein levels of at least two estrogen-regulated markers are determined.

16. (Original) A method according to claim 13, wherein each of the cells is independently selected from the group consisting of bone, urogenital, cardiovascular, breast, ovarian, endometrial, and central nervous system cells.

17. (Original) A method according to claim 13, further comprising the steps of:

(d) contacting breast cells that express an estrogen-regulated marker expression with estrogen and a candidate SERM;

(e) determining levels of expression of at least one estrogen-regulated marker in the breast cells; and

(f) comparing the levels of expression with levels of expression of the estrogen-regulated marker(s) in the breast cells following contact with estrogen, in the absence of candidate SERM.